

## **California Weather-Hydro Conditions during January 2010**

As of January 31, 2010, statewide hydrologic conditions were as follows: precipitation, 110 percent of average to date; runoff, 65 percent of average to date; and reservoir storage, 80 percent of average for the date. Sacramento River unimpaired runoff observed through January 31, 2010 was about 3.7 million acre-feet (MAF), which is about 63 percent of average. For comparison, on January 31, 2009, the observed Sacramento River unimpaired runoff through that date was about 2.1 MAF, or about 36 percent of average.

On February 1, the Northern Sierra 8-Station Precipitation Index Water Year total was 27.4 inches, about 101 percent of the seasonal average to date and about 55 percent of an average water year (50 inches). Last year on February 1, 2009, the seasonal total to date was 17.7 inches, about 66 percent of the seasonal average to date

The latter half of January was extremely wet for California. A series of extremely strong storms brought significant amounts of rain Statewide, along with large snowfall accumulations in the Sierra and very windy conditions.

Selected Cities Precipitation Accumulation as of 1/31/2010 (National Weather Service Water Year: July through June)					
City	Jul 1 to Date 2009 - 2010 (in inches)	% Avg	Jul 1 to Date 2008 - 2009 (in inches)	% Avg	% Avg "Water Year" Jul 1 to Jun 30 2009 - 2010
Eureka	20.74	94	13.76	62	54
Redding	16.44	90	8.39	46	49
Sacramento	12.07	121	6.14	62	67
San Francisco	12.47	110	5.31	47	62
Fresno	6.06	108	3.72	66	54
Bakersfield	3.67	118	2.06	66	57
Los Angeles	7.66	113	4.52	66	58
San Diego	5.78	105	6.13	111	54

Key Reservoir Storage (1,000 AF) as of 1/31/2010								
Reservoir	River	Storage	Avg Storage	% Average	Capacity	% Capacity	Flood Control Encroachment	Total Space Available
Trinity Lake	Trinity	1,040	1,763	59	2,448	42	---	1,408
Shasta Lake	Sacramento	2,597	3,133	83	4,552	57	-998	1,955
Lake Oroville	Feather	1,190	2,384	50	3,538	34	-1,698	2,348
New Bullards Bar Res	Yuba	582	581	100	966	60	-214	384
Folsom Lake	American	322	516	62	977	33	-255	655
New Melones Res	Stanislaus	1,220	1,392	88	2,420	50	-750	1,200
Don Pedro Res	Tuolumne	1,491	1,385	108	2,030	73	-199	539
Lake McClure	Merced	448	500	89	1,025	44	-227	577
Millerton Lake	San Joaquin	242	340	71	520	46	-194	278
Pine Flat Res	Kings	416	478	87	1,000	42	-261	584
Isabella	Kern	123	169	73	568	22	-47	445
San Luis Res	(Offstream)	1,160	1,626	71	2,039	57	---	879

The latest National Weather Service Climate Prediction Center (CPC) long-range weather outlook for February 2010, issued January 31, 2010, forecasts above average precipitation for all of California.